

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
GYRO.008AAPPLICATION NO.  
10/823,091INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANTS  
Roger Ekseth et al.FILING DATE  
April 13, 2004GROUP  
Unknown 2859

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
RAS	1	4,537,067	08/27/85	Sharp et al.			
	2	4,909,336	03/20/90	Brown et al.			
	3	4,987,684	01/29/91	Andreas et al.			
	4	5,099,927	03/31/92	Gibson et al.			
	5	5,432,699	07/11/95	Hache et al.			
	6	5,635,638	06/03/97	Geen et al.			
	7	5,635,640	06/03/97	Geen et al.			
	8	5,657,547	08/19/97	Uttecht et al.			
	9	5,806,195	09/15/98	Uttecht et al.			
	10	5,812,068	09/22/98	Wisler et al.			
	11	5,821,414	10/13/98	Noy et al.			
	12	5,842,149	11/24/98	Harrell et al.			
	13	5,912,524	06/15/99	Ohnishi et al.			
	14	6,021,377	02/01/00	Dubinsky et al.			
	15	6,044,706	04/04/00	Roh			
	16	6,089,089	07/18/00	Hsu			
	17	6,122,961	09/26/00	Geen et al.			
	18	6,145,378	11/14/00	MacRobbie et al.			
	19	6,173,773	01/16/01	Almaguer et al.			
	20	6,192,748	02/27/01	Miller			
	21	6,206,108 B1	03/27/01	MacDonald et al.			
	22	6,257,356 B1	07/10/01	Wassell			
	23	6,267,185 B1	07/31/01	Mougel et al.			
	24	6,281,618 B1	08/28/01	Ishitoko et al.			
	25	6,315,062 B1	11/13/01	Alft et al.			
	26	6,347,282 B2	02/21/02	Estes et al.			
	27	6,360,601 B1	03/26/02	Challoner et al.			
	28	6,381,858 B1	05/07/02	Shirasaka			


EXAMINER

/R A Smith/

DATE CONSIDERED

05/25/2006

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GYRO.008A	APPLICATION NO. 10/823,091
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANTS Roger Ekseth et al.	
		FILING DATE April 13, 2004	GROUP Unknown 2859

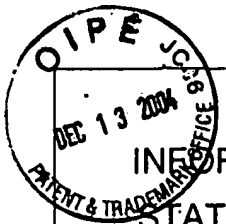
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
RAS	29	2002/0056201	05/16/02	Dallas et al.			
RAS	30	6,453,239 B1	09/17/02	Shirasaka et al.			
RAS	31	6,484,818 B2	11/26/02	Alt et al.			
RAS	32	6,655,460 B2	12/02/03	Bailey et al.			
RAS	33	6,659,201 B2	12/09/03	Head et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
RAS	34	0 646 696 A1	09/13/94	Europe				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
RAS	35	$\pm 150^\circ/\text{s}$ Single Chip Yaw Rate Gyro with Signal Conditioning, Analog Devices, ADXRS150, ©2003 Analog Devices, Inc.
RAS	36	$\pm 300^\circ/\text{s}$ Single Chip Yaw Rate Gyro with Signal Conditioning, Analog Devices, ADXRS300.
RAS	37	Geen, J., et al., <i>New iMEMS® Angular-Rate-Sensing Gyroscope</i> , Analog Dialogue, 2003, Vol. 37, No. 3, pp. 1-4.
RAS	38	Teegarden, Darrell, et al., <i>How to Model and Simulate Microgyroscope Systems</i> , IEEE Spectrum, July 1998, Vol. 35, No. 7, pp. 66-75.
RAS	39	Yazdi, N., et al., <i>Micromachined Inertial Sensors</i> , Proc. of the IEEE, August 1998, Vol. 86, No. 8, pp. 1640-1659.

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EXAMINER	/R A Smith/	DATE CONSIDERED	05/25/2006
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PTO/SB/08 Equivalent

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Multiple sheets used when necessary)</i>	Application No.	10/823,091
	Filing Date	April 13, 2004
	First Named Inventor	Roger Ekseth
	Art Unit	<del>3072</del> 2859
SHEET 1 OF 1	Examiner	<del>Hoang C. Dang</del> Smith
	Attorney Docket No.	GYRO.008A

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
RAS	1	6,151,553	11/21/2000	Estes et al.	
RAS	2	2002/112887 A1	08/22/2002	Harrison	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
RAS	3	PCT/US2004/021899	07/09/2004	PCT Int'l Search Report dated 11/03/2004		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>

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Examiner Signature	/R A Smith/	Date Considered	05/25/2006
<b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 1

Application No.	10/823,091
Filing Date	April 13, 2004
First Named Inventor	Ekseth et al.
Art Unit	<del>3672</del> 2859
Examiner	<del>Hoang C. Dang</del> Smith
Attorney Docket No.	GYRO.008A

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
RAS		6,134,961	10/24/2000	Touge et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
RAS		PCT/US2005/012317 ISR dated 08/12/2005	04/12/2005	GYRODATA, INCORPORATED		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>

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Examiner Signature	/R A Smith/	Date Considered	05/25/2006
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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